

09/ 868,884

Welcome to STN International! Enter x:x

LOGINID:ssspta1202txn

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 09 JAPIO to be reloaded August 25, 2002
NEWS 20 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 21 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 22 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 23 Aug 26 Sequence searching in REGISTRY enhanced

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:31:08 ON 28 AUG 2002

09/ 868,884

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:31:17 ON 28 AUG 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 26 AUG 2002 HIGHEST RN 444986-65-6

DICTIONARY FILE UPDATES: 26 AUG 2002 HIGHEST RN 444986-65-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

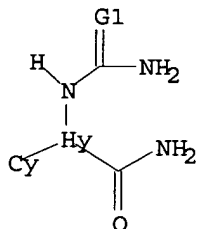
Uploading 09868884.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:31:35 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 9059 TO ITERATE

11.0% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 175482 TO 186878

PROJECTED ANSWERS: 1 TO 361

L2 1 SEA SSS SAM L1

09/ 868,884

=> s l1 ful
FULL SEARCH INITIATED 13:31:43 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 180896 TO ITERATE

100.0% PROCESSED 180896 ITERATIONS 93 ANSWERS
SEARCH TIME: 00.00.10

L3 93 SEA SSS FUL L1

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	140.66	140.87

FILE 'CAPLUS' ENTERED AT 13:32:38 ON 28 AUG 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 28 Aug 2002 VOL 137 ISS 9
FILE LAST UPDATED: 26 Aug 2002 (20020826/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s l3
L4 3 L3

=> d l4 1- ibib abs hitstr
YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

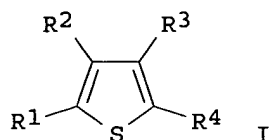
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:293385 CAPLUS
DOCUMENT NUMBER: 136:325411
TITLE: Preparation of 2-aminothiophene-3-carboxamides as NF-.kappa.B inhibitors
INVENTOR(S): Callahan, James F.; Roshak, Amy K.
PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA
SOURCE: PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

 WO 2002030353 A2 20020418 WO 2001-US31866 20011012
 WO 2002030353 A3 20020627

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
 US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-239759P P 20001012
 OTHER SOURCE(S): MARPAT 136:325411
 GI

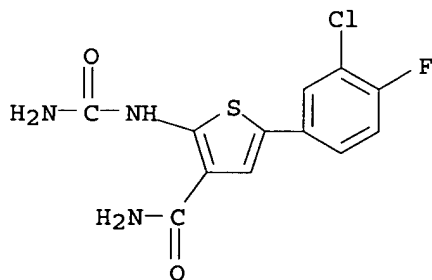


AB The title compds. [I; R1 = NR5R6; R2 = CONH2, SO2NH2; R3 = H, halo; R4 = aryl, heteroaryl; R5 = H, alkyl; R6 = H, COalkyl, SO2alkyl, etc.], useful as inhibitors of IKK- β . phosphorylation of I. κ B, were prepd. Thus, treating (4-fluorophenyl)ethanol with PCC in CH2Cl2 followed by reacting the resulting (4-fluorophenyl)acetaldehyde with sulfur and 2-cyanoacetamide in the presence of Et3N in DMF afforded 2-amino-5-(4-fluorophenyl)thiophene-3-carboxamide.

IT **412914-58-0P**
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of 2-aminothiophene-3-carboxamides as NF- κ B inhibitors)

RN 412914-58-0 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-chloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:597977 CAPLUS

DOCUMENT NUMBER: 135:180698

TITLE: Preparation of thiophenecarboxamides as inhibitors of the enzyme IKK-2

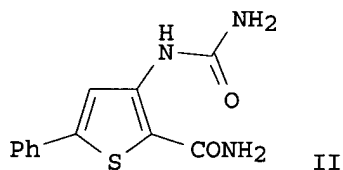
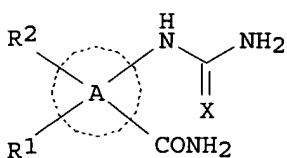
INVENTOR(S): Baxter, Andrew; Brough, Stephen; Faull, Alan; Johnstone, Craig; McInally, Thomas

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.

09/ 868,884

SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001058890	A1	20010816	WO 2001-SE248	20010207
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002107252	A1	20020808	US 2002-868884	20020205
PRIORITY APPLN. INFO.:			GB 2000-3154	A 20000212
			WO 2001-SE248	W 20010207
OTHER SOURCE(S):		MARPAT 135:180698		
GI				



AB The title compds. [I; A = 5-membered heteroarom. ring contg. 1-2 heteroatoms selected from O, N or S; R1 = (un)substituted Ph, 5-7 membered heteroarom. ring contg. 1-3 heteroatoms selected from O, N or S; R2 = H, halo, CN, etc.; X = O, S], useful in the treatment or prophylaxis of inflammatory disease, were prepd. Thus, refluxing 3-amino-5-phenyl-2-thiophenecarboxamide with trimethylsilyl isocyanate in DMF/CH2Cl2 afforded II.

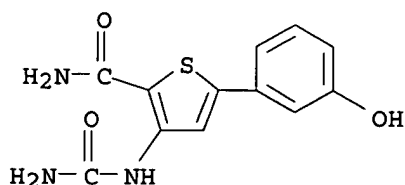
IT 354811-01-1P 354811-06-6P 354811-31-7P
354811-69-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(prepn. of thiophenecarboxamides as inhibitors of the enzyme IKK-2)

RN 354811-01-1 CAPLUS

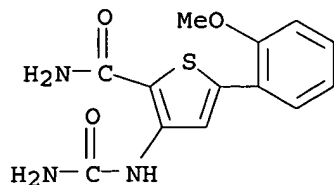
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(3-hydroxyphenyl)-
(9CI) (CA INDEX NAME)



09/ 868,884

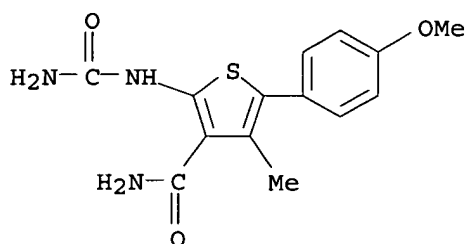
RN 354811-06-6 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(2-methoxyphenyl)-
(9CI) (CA INDEX NAME)



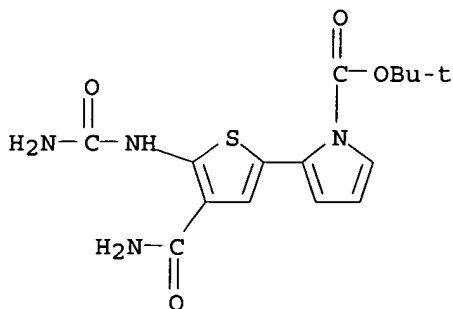
RN 354811-31-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



RN 354811-69-1 CAPLUS

CN 1H-Pyrrole-1-carboxylic acid, 2-[4-(aminocarbonyl)-5-[(aminocarbonyl)amino]-2-thienyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



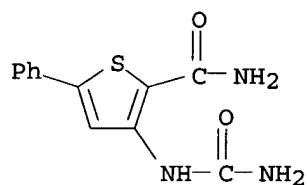
IT 354810-80-3P 354810-83-6P 354810-86-9P
354810-88-1P 354810-90-5P 354810-92-7P
354810-95-0P 354810-98-3P 354811-04-4P
354811-07-7P 354811-08-8P 354811-09-9P
354811-10-2P 354811-11-3P 354811-12-4P
354811-13-5P 354811-14-6P 354811-15-7P
354811-16-8P 354811-17-9P 354811-18-0P
354811-19-1P 354811-20-4P 354811-23-7P
354811-26-0P 354811-27-1P 354811-28-2P
354811-29-3P 354811-30-6P 354811-32-8P
354811-33-9P 354811-34-0P 354811-35-1P
354811-36-2P 354811-37-3P 354811-38-4P
354811-39-5P 354811-40-8P 354811-41-9P
354811-42-0P 354811-43-1P 354811-44-2P

354811-45-3P 354811-46-4P 354811-47-5P
 354811-48-6P 354811-49-7P 354811-50-0P
 354811-51-1P 354811-52-2P 354811-53-3P
 354811-54-4P 354811-55-5P 354811-56-6P
 354811-57-7P 354811-58-8P 354811-59-9P
 354811-60-2P 354811-61-3P 354811-62-4P
 354811-63-5P 354811-64-6P 354811-65-7P
 354811-66-8P 354811-67-9P 354811-68-0P
 354811-70-4P 354811-71-5P 354811-72-6P
 354811-73-7P 354811-74-8P 354811-75-9P
 354811-76-0P 354811-77-1P 354811-78-2P
 354811-79-3P 354811-80-6P 354811-81-7P
 354811-82-8P 354811-83-9P 354811-84-0P
 354811-85-1P 354811-86-2P 354811-89-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of thiophenecarboxamides as inhibitors of the enzyme IKK-2)

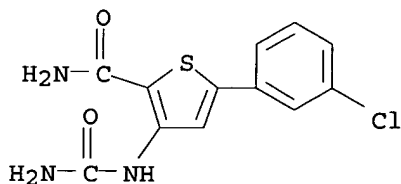
RN 354810-80-3 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-phenyl- (9CI) (CA INDEX NAME)



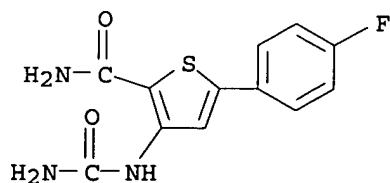
RN 354810-83-6 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(3-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 354810-86-9 CAPLUS

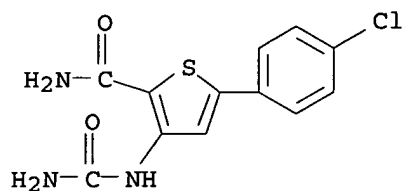
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 354810-88-1 CAPLUS

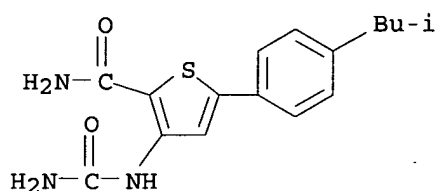
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(4-chlorophenyl)- (9CI) (CA INDEX NAME)

09/ 868,884



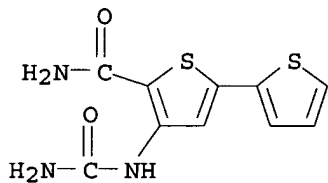
RN 354810-90-5 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[4-(2-methylpropyl)phenyl]- (9CI) (CA INDEX NAME)



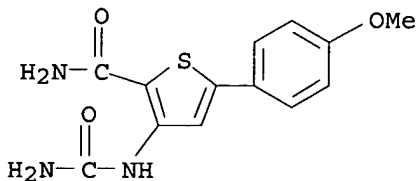
RN 354810-92-7 CAPLUS

CN [2,2'-Bithiophene]-5-carboxamide, 4-[(aminocarbonyl)amino]- (9CI) (CA INDEX NAME)



RN 354810-95-0 CAPLUS

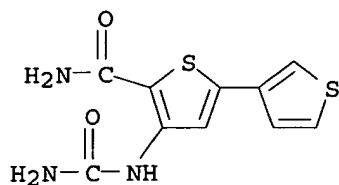
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 354810-98-3 CAPLUS

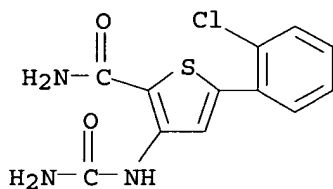
CN [2,3'-Bithiophene]-5-carboxamide, 4-[(aminocarbonyl)amino]- (9CI) (CA INDEX NAME)

09/ 868,884



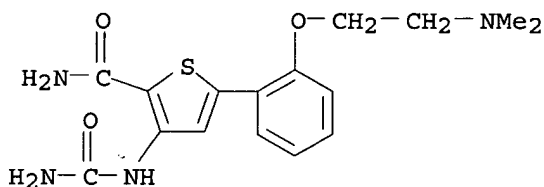
RN 354811-04-4 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(2-chlorophenyl)- (9CI)
(CA INDEX NAME)



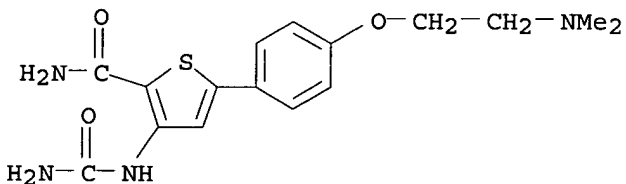
RN 354811-07-7 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[2-(dimethylamino)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-08-8 CAPLUS

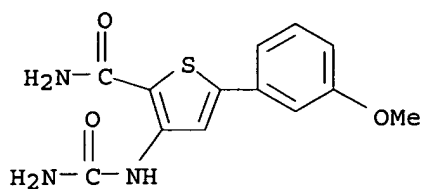
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[4-[2-(dimethylamino)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-09-9 CAPLUS

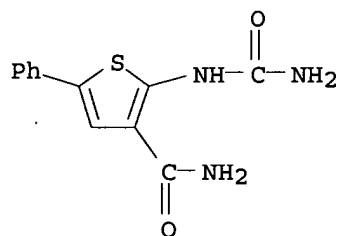
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)

09/ 868,884



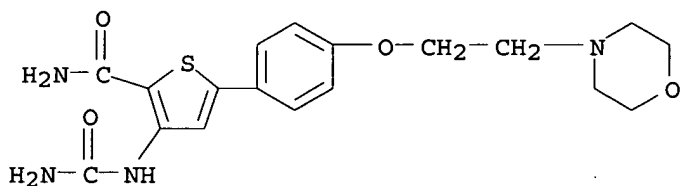
RN 354811-10-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-phenyl- (9CI) (CA INDEX NAME)



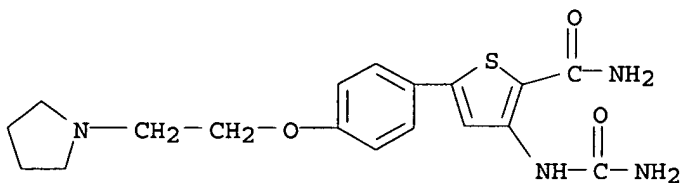
RN 354811-11-3 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-12-4 CAPLUS

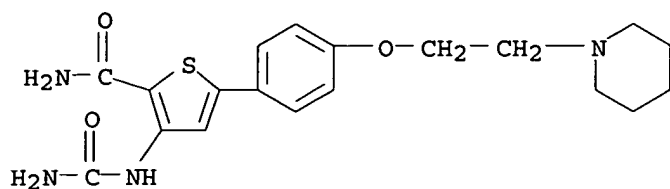
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[4-[2-(1-pyrrolidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-13-5 CAPLUS

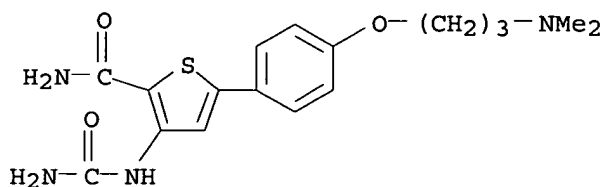
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)

09/ 868,884



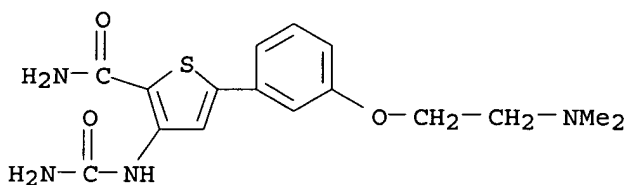
RN 354811-14-6 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[4-[3-(dimethylamino)propoxy]phenyl]- (9CI) (CA INDEX NAME)



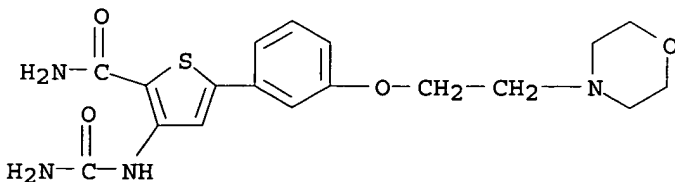
RN 354811-15-7 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[2-(dimethylamino)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-16-8 CAPLUS

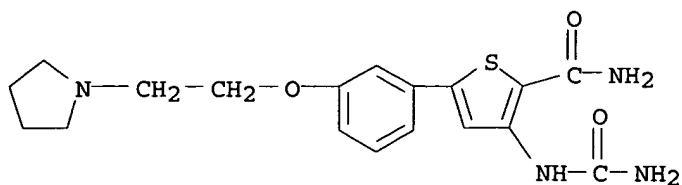
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-17-9 CAPLUS

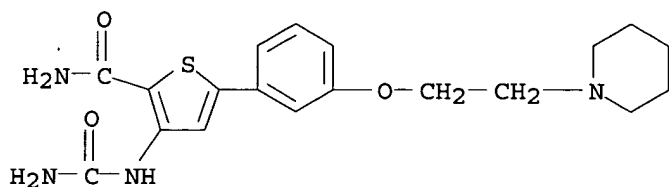
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[2-(1-pyrrolidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)

09/ 868,884



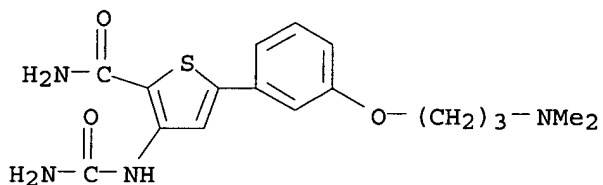
RN 354811-18-0 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



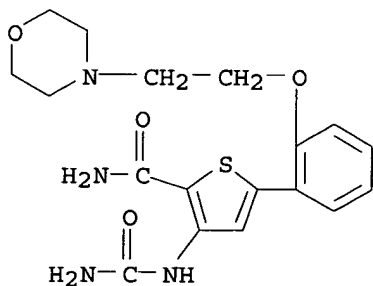
RN 354811-19-1 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[3-(dimethylamino)propoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-20-4 CAPLUS

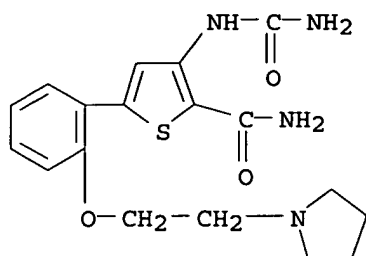
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-23-7 CAPLUS

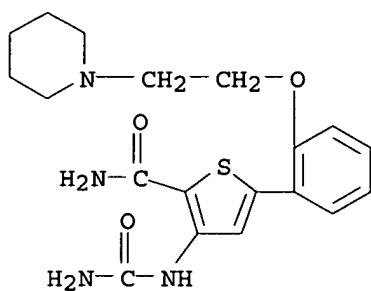
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[2-(1-pyrrolidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)

09/ 868,884



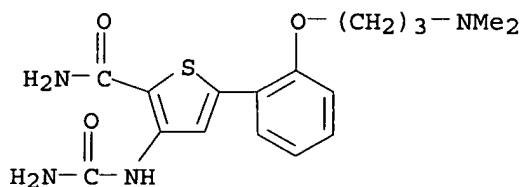
RN 354811-26-0 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



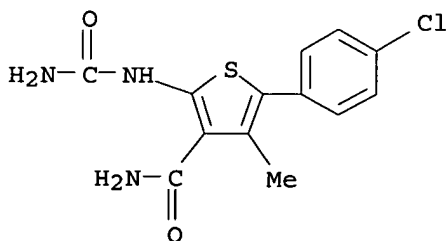
RN 354811-27-1 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[3-(dimethylamino)propoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-28-2 CAPLUS

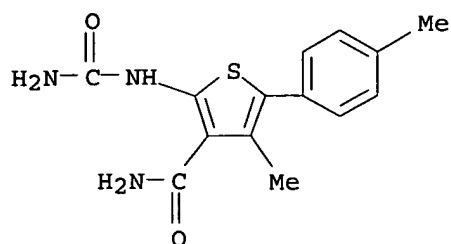
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-chlorophenyl)-4-methyl- (9CI) (CA INDEX NAME)



RN 354811-29-3 CAPLUS

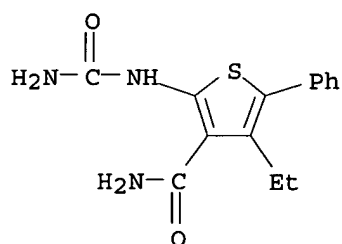
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-methylphenyl)- (9CI) (CA INDEX NAME)

09/ 868,884



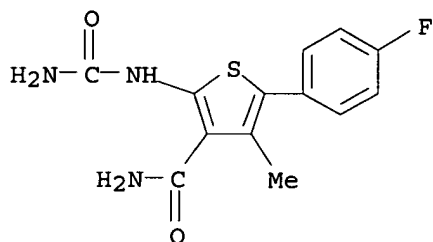
RN 354811-30-6 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-ethyl-5-phenyl- (9CI)
(CA INDEX NAME)



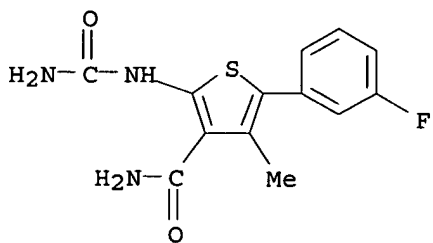
RN 354811-32-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-fluorophenyl)-4-methyl- (9CI) (CA INDEX NAME)



RN 354811-33-9 CAPLUS

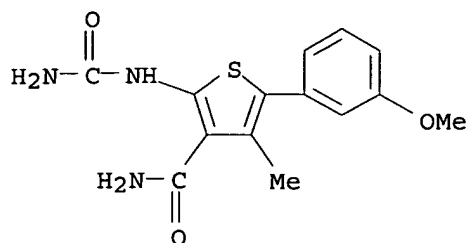
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-fluorophenyl)-4-methyl- (9CI) (CA INDEX NAME)



RN 354811-34-0 CAPLUS

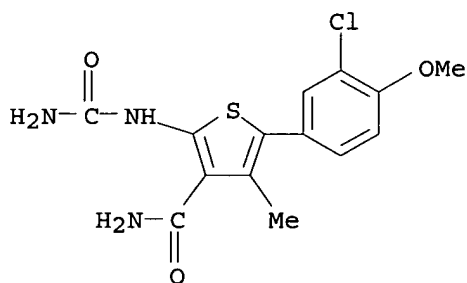
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-methoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)

09/ 868,884



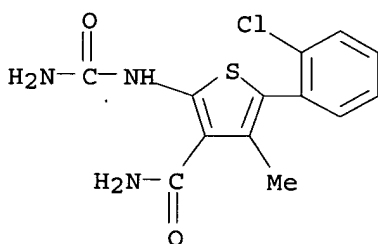
RN 354811-35-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-chloro-4-methoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



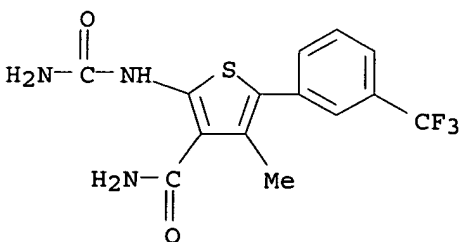
RN 354811-36-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-chlorophenyl)-4-methyl- (9CI) (CA INDEX NAME)



RN 354811-37-3 CAPLUS

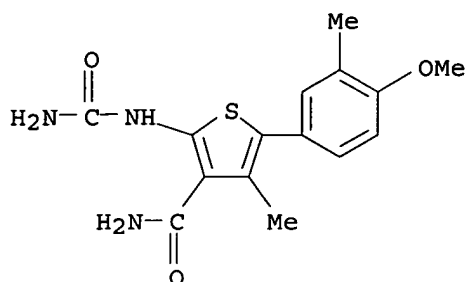
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 354811-38-4 CAPLUS

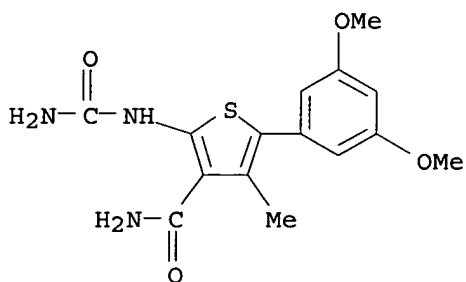
09/ 868,884

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-methoxy-3-methylphenyl)-4-methyl- (9CI) (CA INDEX NAME)



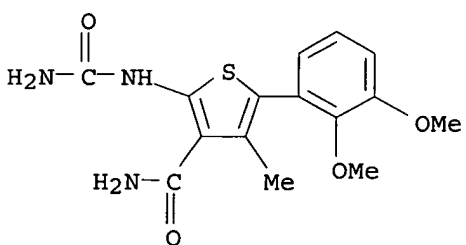
RN 354811-39-5 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3,5-dimethoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



RN 354811-40-8 CAPLUS

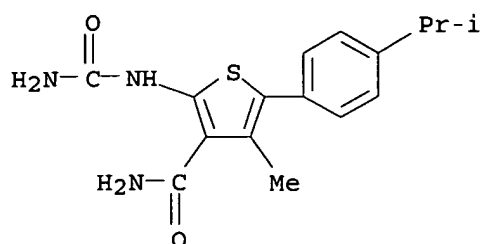
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2,3-dimethoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



RN 354811-41-9 CAPLUS

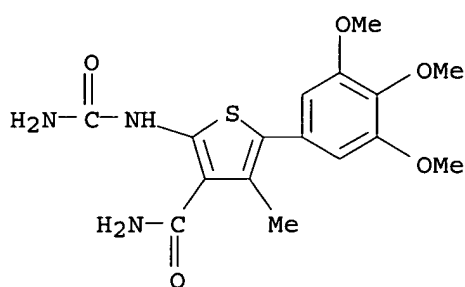
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)

09/ 868,884



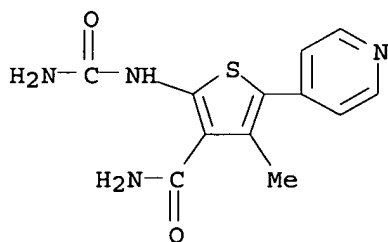
RN 354811-42-0 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)



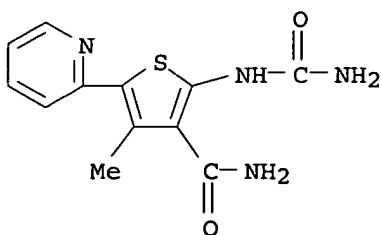
RN 354811-43-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-pyridinyl)- (9CI) (CA INDEX NAME)



RN 354811-44-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(2-pyridinyl)- (9CI) (CA INDEX NAME)

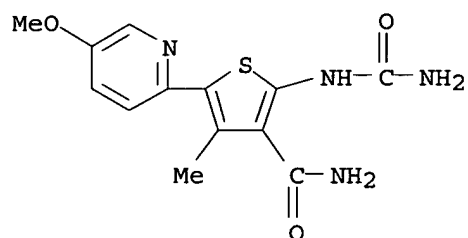


RN 354811-45-3 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-methoxy-2-pyridinyl)- (9CI) (CA INDEX NAME)

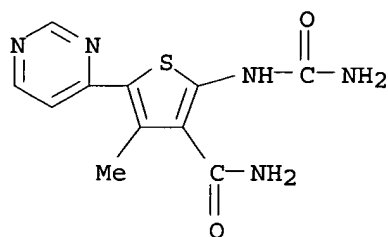
09/ 868,884

4-methyl- (9CI) (CA INDEX NAME)



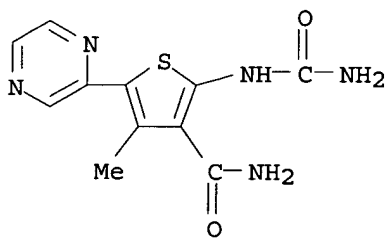
RN 354811-46-4 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-pyrimidinyl)- (9CI) (CA INDEX NAME)



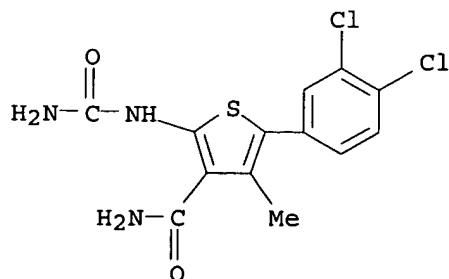
RN 354811-47-5 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-pyrazinyl- (9CI) (CA INDEX NAME)



RN 354811-48-6 CAPLUS

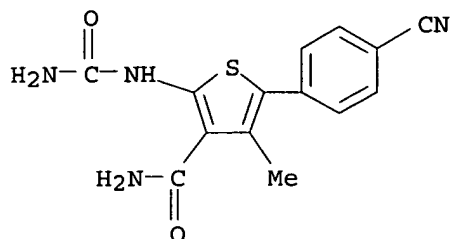
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3,4-dichlorophenyl)-4-methyl- (9CI) (CA INDEX NAME)



09/ 868,884

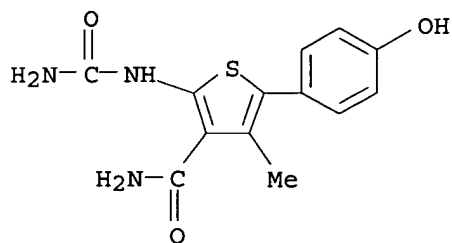
RN 354811-49-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-cyanophenyl)-4-methyl- (9CI) (CA INDEX NAME)



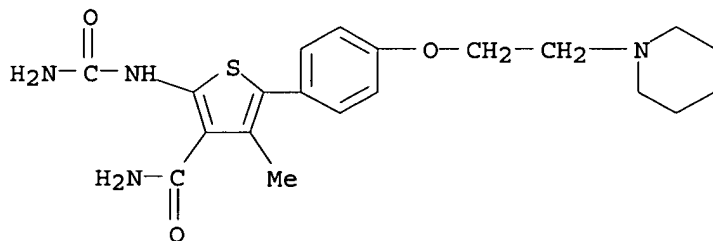
RN 354811-50-0 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



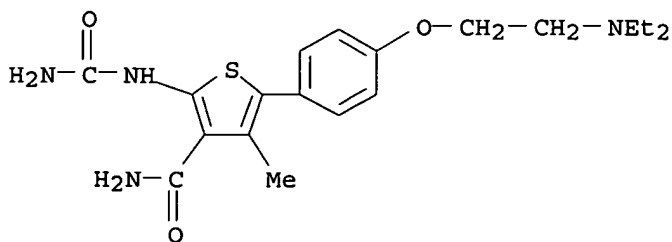
RN 354811-51-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-52-2 CAPLUS

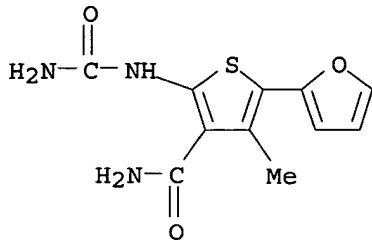
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(diethylamino)ethoxy]phenyl]-4-methyl- (9CI) (CA INDEX NAME)



09/ 868,884

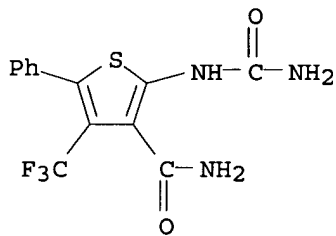
RN 354811-53-3 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-furanyl)-4-methyl-
(9CI) (CA INDEX NAME)



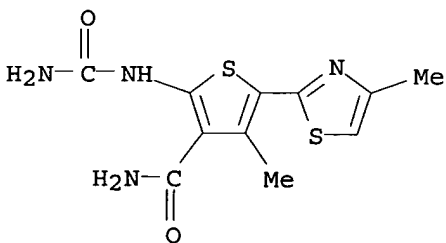
RN 354811-54-4 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-phenyl-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 354811-55-5 CAPLUS

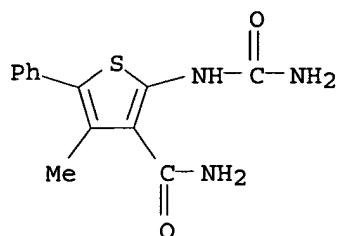
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-methyl-2-thiazolyl)- (9CI) (CA INDEX NAME)



RN 354811-56-6 CAPLUS

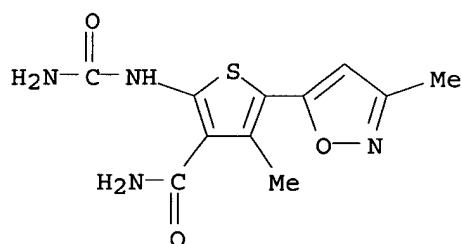
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-phenyl- (9CI)
(CA INDEX NAME)

09/ 868,884



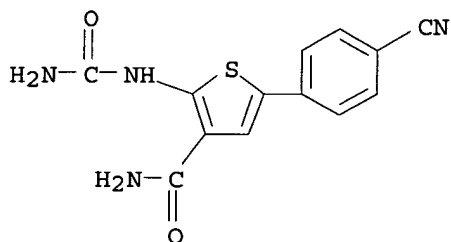
RN 354811-57-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(3-methyl-5-isoxazolyl)- (9CI) (CA INDEX NAME)



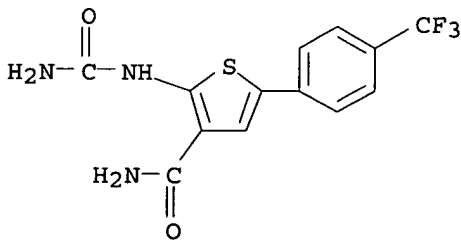
RN 354811-58-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-cyanophenyl)- (9CI) (CA INDEX NAME)



RN 354811-59-9 CAPLUS

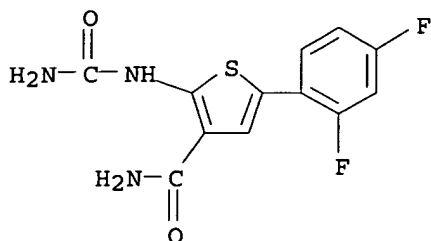
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



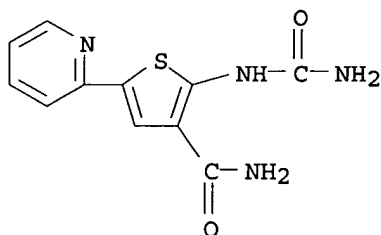
RN 354811-60-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2,4-difluorophenyl)- (9CI) (CA INDEX NAME)

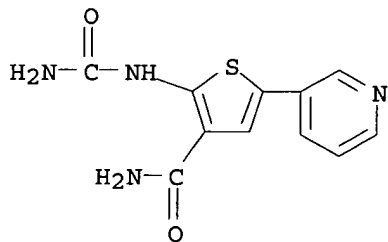
09/ 868,884



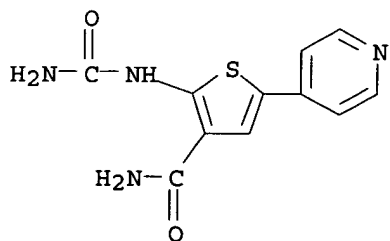
RN 354811-61-3 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-pyridinyl)- (9CI)
(CA INDEX NAME)



RN 354811-62-4 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-pyridinyl)- (9CI)
(CA INDEX NAME)



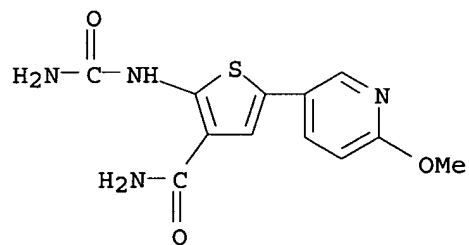
RN 354811-63-5 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-pyridinyl)- (9CI)
(CA INDEX NAME)



RN 354811-64-6 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(6-methoxy-3-pyridinyl)-

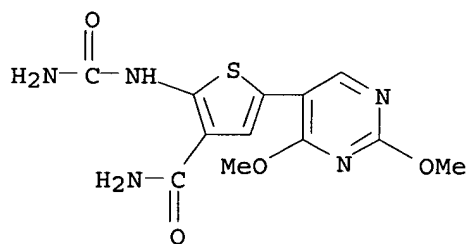
09/ 868,884

(9CI) (CA INDEX NAME)



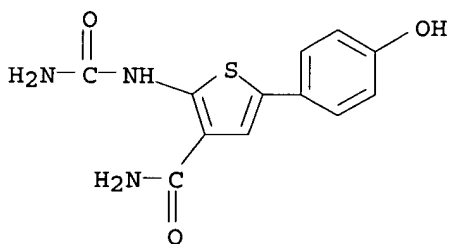
RN 354811-65-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2,4-dimethoxy-5-pyrimidinyl)- (9CI) (CA INDEX NAME)



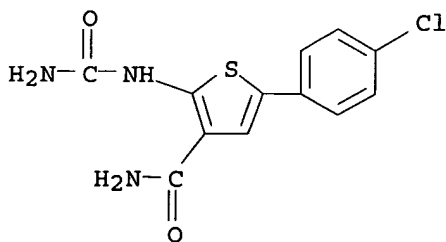
RN 354811-66-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 354811-67-9 CAPLUS

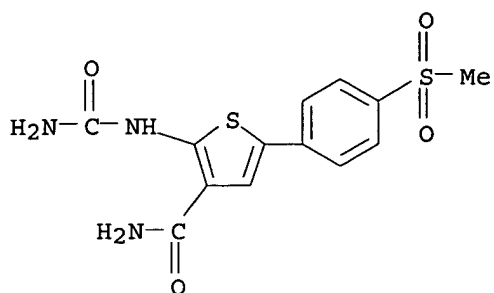
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)- (9CI) (CA INDEX NAME)



RN 354811-68-0 CAPLUS

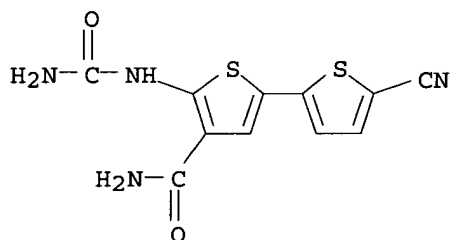
09/ 868,884

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



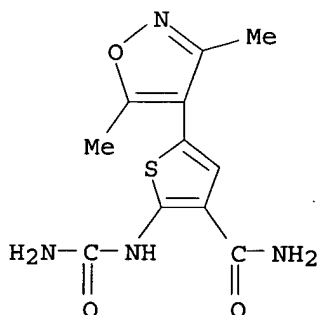
RN 354811-70-4 CAPLUS

CN [2,2'-Bithiophene]-4-carboxamide, 5-[(aminocarbonyl)amino]-5'-cyano- (9CI) (CA INDEX NAME)



RN 354811-71-5 CAPLUS

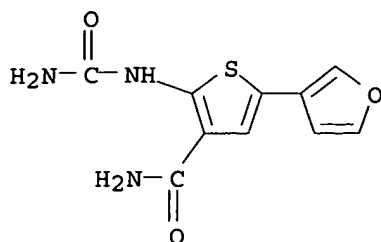
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3,5-dimethyl-4-isoxazolyl)- (9CI) (CA INDEX NAME)



RN 354811-72-6 CAPLUS

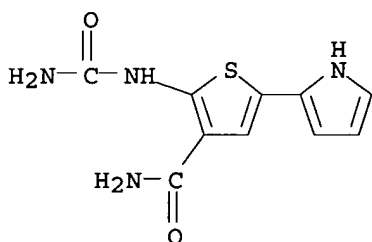
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-furanyl)- (9CI) (CA INDEX NAME)

09/ 868,884



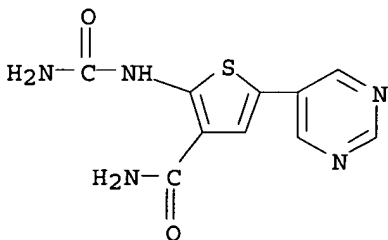
RN 354811-73-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(1H-pyrrol-2-yl)- (9CI)
(CA INDEX NAME)



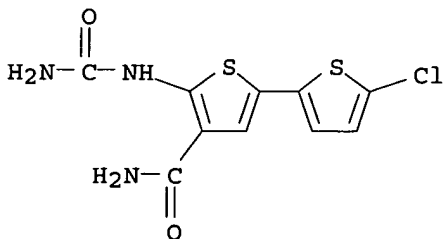
RN 354811-74-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-pyrimidinyl)- (9CI)
(CA INDEX NAME)



RN 354811-75-9 CAPLUS

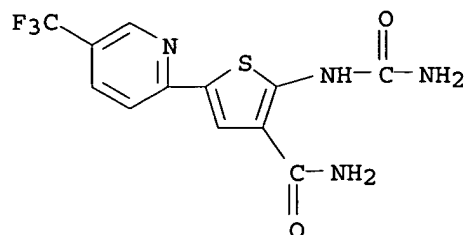
CN [2,2'-Bithiophene]-4-carboxamide, 5-[(aminocarbonyl)amino]-5'-chloro- (9CI)
(CA INDEX NAME)



RN 354811-76-0 CAPLUS

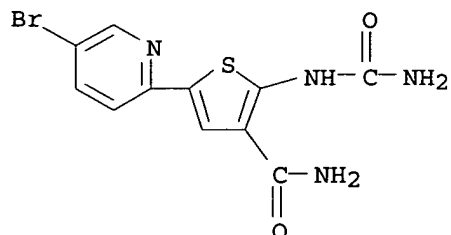
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[5-(trifluoromethyl)-2-pyridinyl]- (9CI)
(CA INDEX NAME)

09/ 868,884



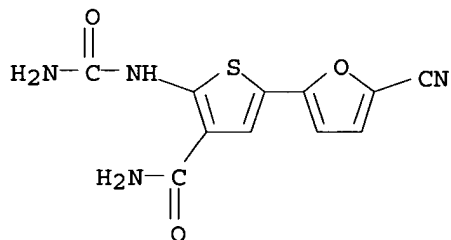
RN 354811-77-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-bromo-2-pyridinyl)-
(9CI) (CA INDEX NAME)



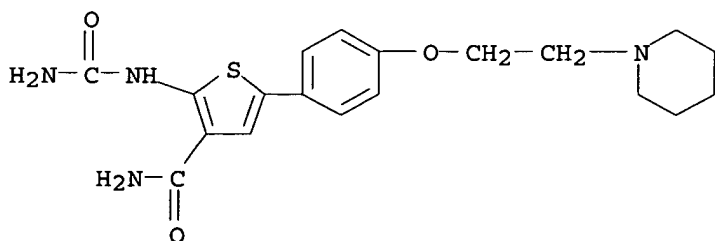
RN 354811-78-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-cyano-2-furanyl)-
(9CI) (CA INDEX NAME)



RN 354811-79-3 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)

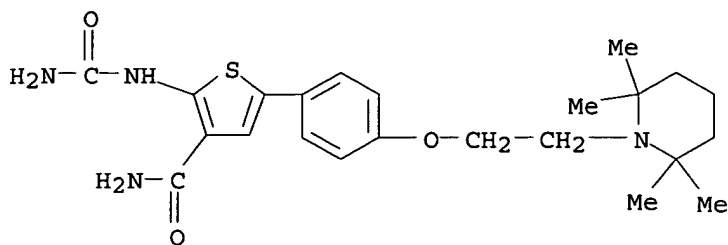


RN 354811-80-6 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(2,2,6,6-

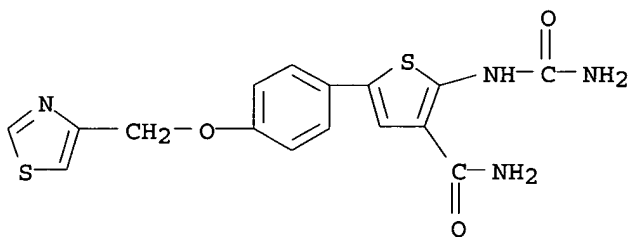
09/ 868,884

tetramethyl-1-piperidinyl)ethoxy]phenyl] - (9CI) (CA INDEX NAME)



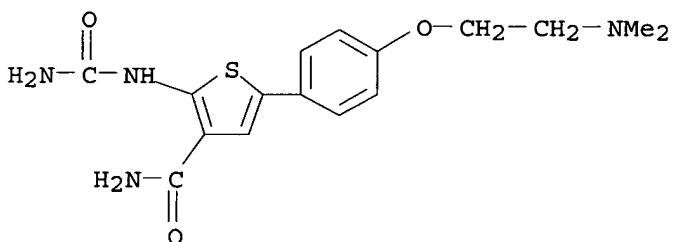
RN 354811-81-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-(4-thiazolylmethoxy)phenyl] - (9CI) (CA INDEX NAME)



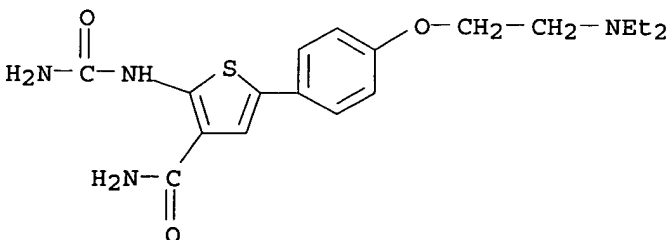
RN 354811-82-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(dimethylamino)ethoxy]phenyl] - (9CI) (CA INDEX NAME)



RN 354811-83-9 CAPLUS

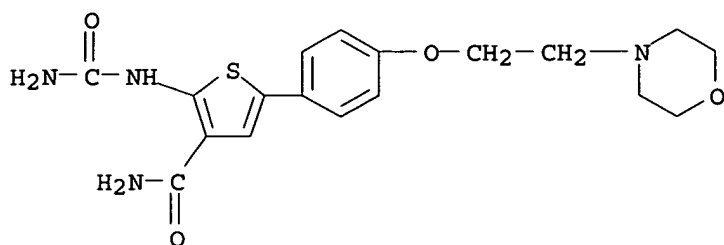
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(diethylamino)ethoxy]phenyl] - (9CI) (CA INDEX NAME)



RN 354811-84-0 CAPLUS

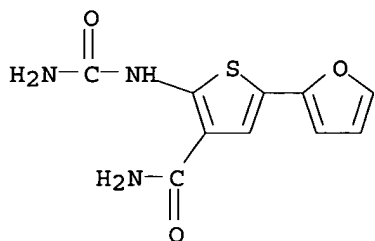
09/ 868,884

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



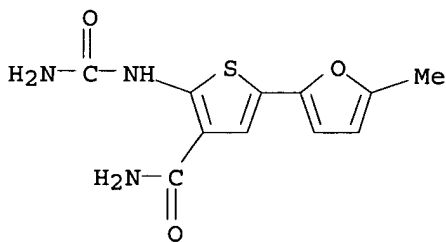
RN 354811-85-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-furanyl)- (9CI) (CA INDEX NAME)



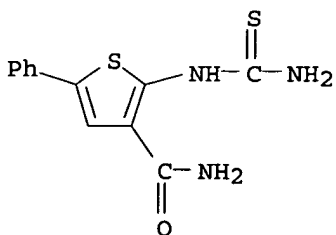
RN 354811-86-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-methyl-2-furanyl)- (9CI) (CA INDEX NAME)



RN 354811-89-5 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminothioxomethyl)amino]-5-phenyl- (9CI) (CA INDEX NAME)



09/ 868,884

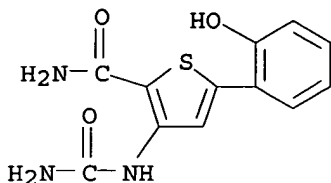
IT 354811-95-3P 354811-96-4P 354812-11-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of thiophenecarboxamides as inhibitors of the enzyme IKK-2)

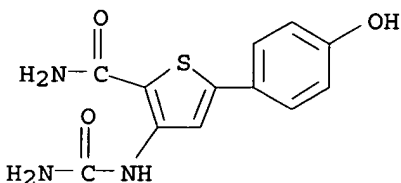
RN 354811-95-3 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(2-hydroxyphenyl)-
(9CI) (CA INDEX NAME)



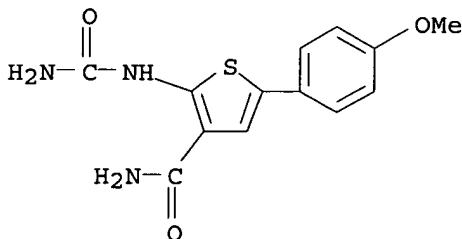
RN 354811-96-4 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)-
(9CI) (CA INDEX NAME)



RN 354812-11-6 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-
(9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1977:468566 CAPLUS

DOCUMENT NUMBER: 87:68566

TITLE: Nucleophile and borate reactivity with nicotinamide adenine dinucleotide and its analogs

AUTHOR(S): Johnson, S. L.; Smith, K. W.

CORPORATE SOURCE: Sch. Med., Univ. Pittsburgh, Pittsburgh, Pa., USA

SOURCE: J. Org. Chem. (1977), 42(15), 2580-9

CODEN: JOCEAH

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Nucleophilic reactivity of pyridine nucleotides was measured. There is no

09/ 868,884

relationship between rate of reaction and equil. affinity for the nucleophile. The position of equil. correlates with that for nucleophilic reaction with the carbonyl group. A better correlation between pyridinium ion addn. reactions was obtained: a new affinity scale for the pyridinium ion, P^+ , is defined. Boration of the ribose adjacent to the pyridinium ring reduces the equil. const. for nucleophile addn. 3- to 7-fold, regardless of the structure of the pyridinium moiety.

IT 62430-80-2P

RL: PREP (Preparation)

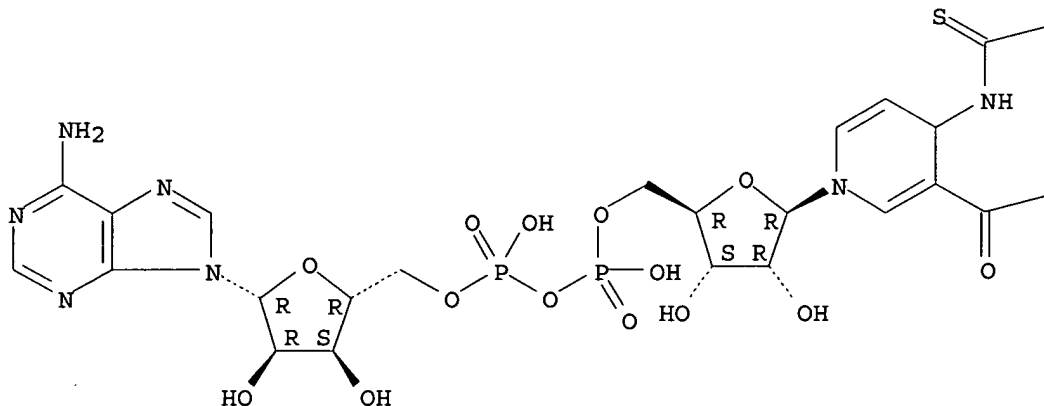
(formation from pyridinium ion, assocn. const. of)

RN 62430-80-2 CAPLUS

CN Adenosine 5'-(trihydrogen diphosphate), P'.fwdarw.5'-ester with 4-[(aminothioxomethyl)amino]-1,4-dihydro-1-.beta.-D-ribofuranosyl-3-pyridinecarboxamide (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

—NH₂

—NH₂

=> d his

(FILE 'HOME' ENTERED AT 13:31:08 ON 28 AUG 2002)

FILE 'REGISTRY' ENTERED AT 13:31:17 ON 28 AUG 2002

L1 STRUCTURE UPLOADED

L2 1 S L1

L3 93 S L1 FUL

FILE 'CAPLUS' ENTERED AT 13:32:38 ON 28 AUG 2002

L4 3 S L3

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

09/ 868,884

	ENTRY	SESSION
FULL ESTIMATED COST	13.96	154.83
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.86	-1.86

STN INTERNATIONAL LOGOFF AT 13:33:40 ON 28 AUG 2002